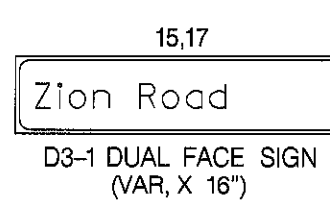




US 13 BUSINESS IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS



EXISTING OPTICOM DETECTOR  
23,24  
—○—▷

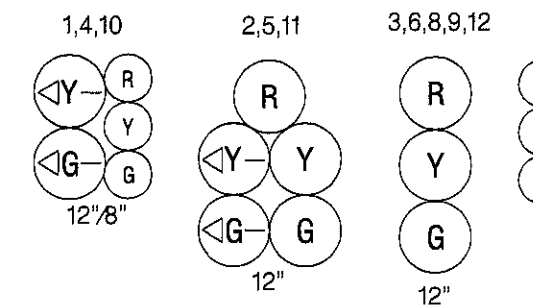
EXISTING VIDEO DETECTION CAMERAS  
A,B,C,D  
—◀

PROJECT DESCRIPTION

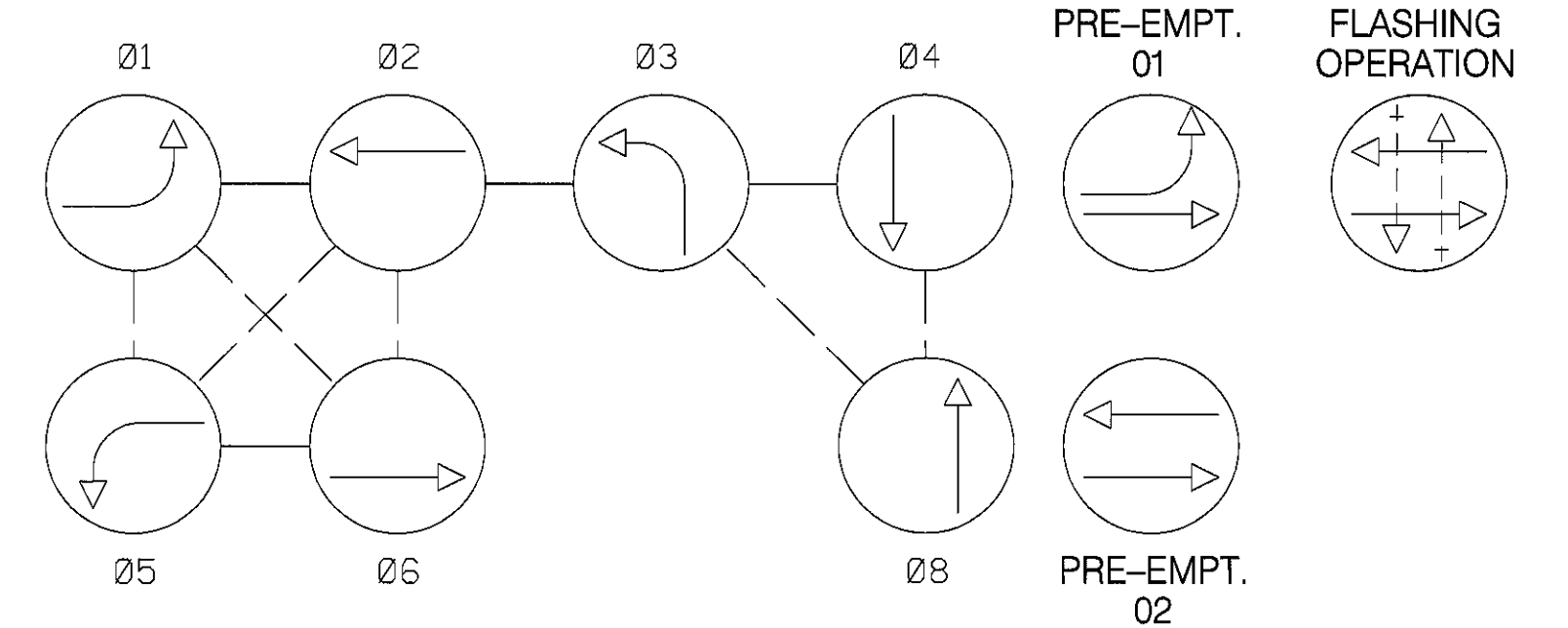
THIS PROJECT INVOLVES THE REPLACEMENT OF EXISTING SIGNAL HEADS WITH NEW BLACKFACED SIGNAL HEADS AND THE INSTALLATION OF A NEARSIDE SIGNAL HEAD.

WEST ZION ROAD

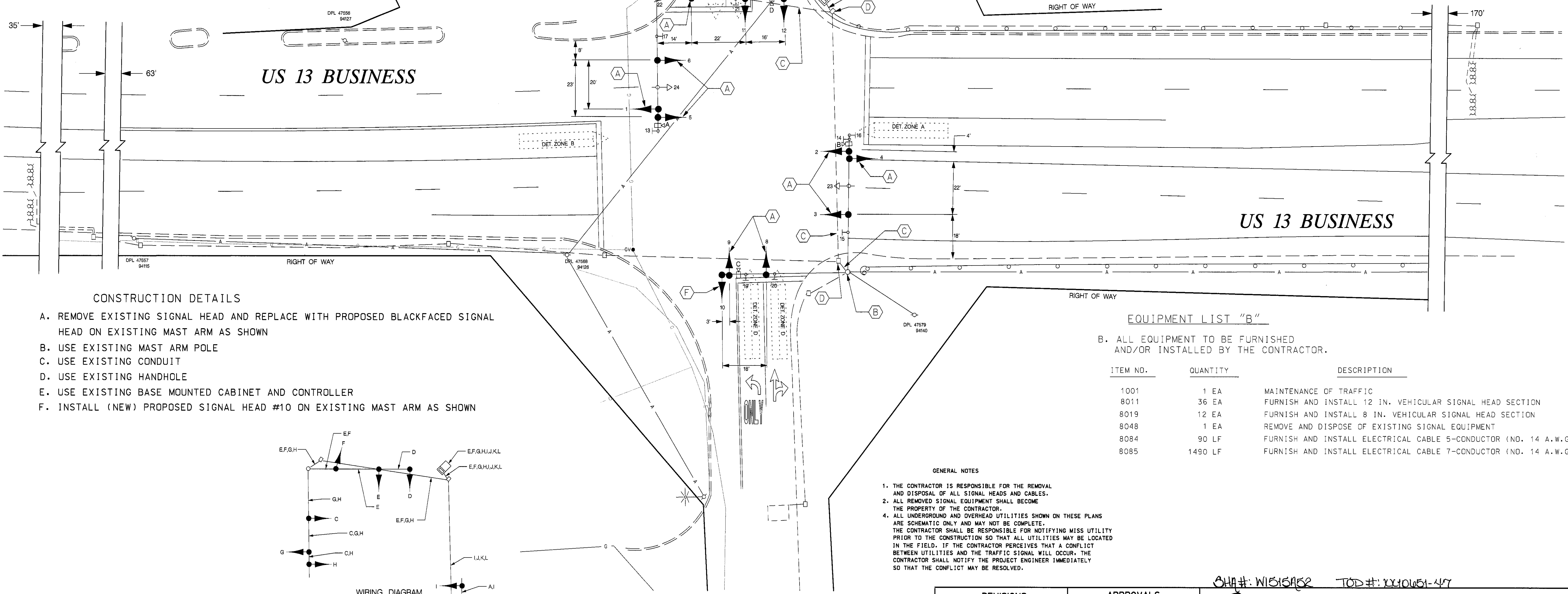
PROPOSED SIGNALS (BLACKFACED)



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- REMOVE EXISTING SIGNAL HEAD AND REPLACE WITH PROPOSED BLACKFACED SIGNAL HEAD ON EXISTING MAST ARM AS SHOWN
- USE EXISTING MAST ARM POLE
- USE EXISTING CONDUIT
- USE EXISTING HANDHOLE
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
- INSTALL (NEW) PROPOSED SIGNAL HEAD #10 ON EXISTING MAST ARM AS SHOWN

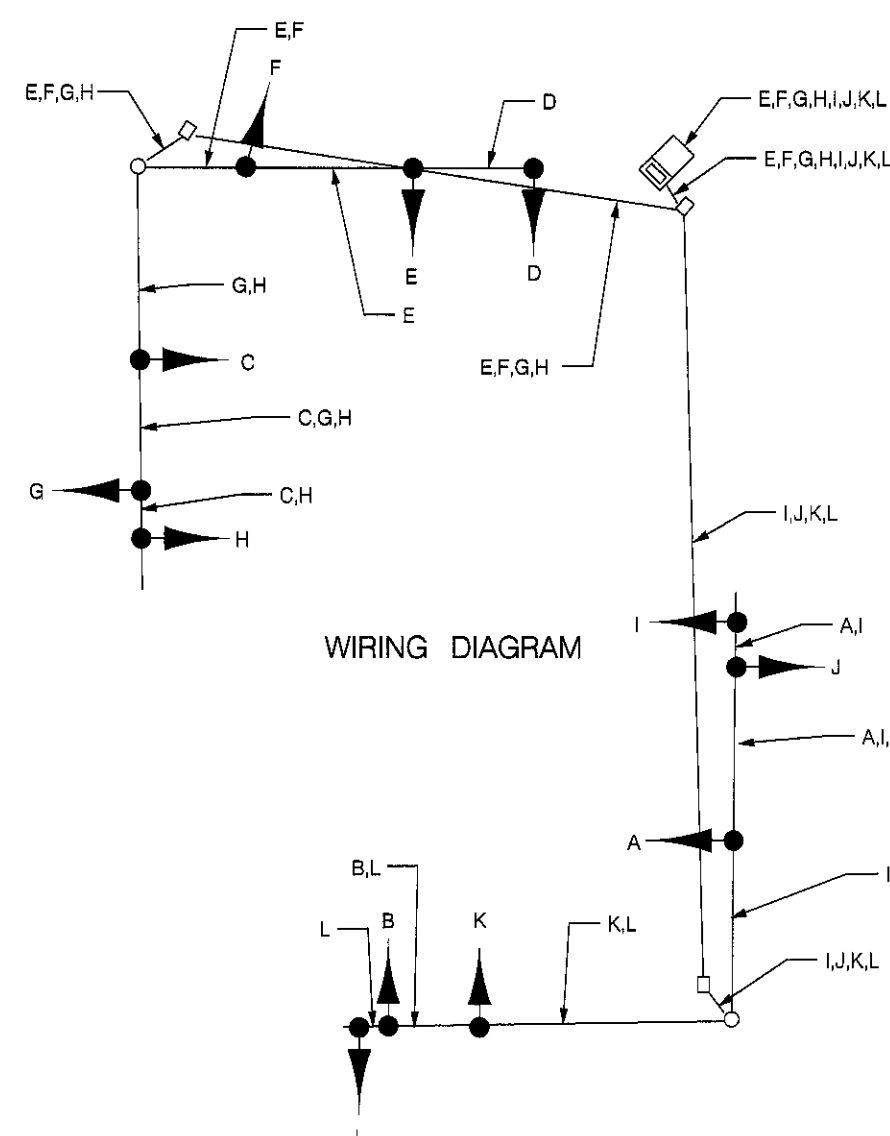
EQUIPMENT LIST "B"

B. ALL EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8011	36 EA	FURNISH AND INSTALL 12 IN. VEHICULAR SIGNAL HEAD SECTION
8019	12 EA	FURNISH AND INSTALL 8 IN. VEHICULAR SIGNAL HEAD SECTION
8048	1 EA	REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT
8084	90 LF	FURNISH AND INSTALL ELECTRICAL CABLE 5-CONDUCTOR (NO. 14 A.W.G.)
8085	1490 LF	FURNISH AND INSTALL ELECTRICAL CABLE 7-CONDUCTOR (NO. 14 A.W.G.)

GENERAL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL SIGNAL HEADS AND CABLES.
- ALL REMOVED SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.



WIRING KEY

- A-D 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)  
E-K 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—A—
ELECTRICAL	—E—
TELEPHONE	—T—
GAS	—G—
SEWER	—S—
WATER	—W—
CABLE TV	—TV—

ZION ROAD

**TRAFFIC CONCEPTS, INC.**  
325 Gambrills Road  
Suite E  
Gambrills, MD 21054  
(410) 923-7101  
FAX (410) 923-6473 EMAIL TRACONCEPT@AOL.COM

REVISIONS	APPROVALS
4/2/2004 SHA NO. XX1065185 REPLACE ALL SIGNAL HEADS WITH BLACKFACED AND INSTALL NEARSIDE SIGNAL HEAD FOR W/Z ZION RD	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
3-03-04 SHA NO. W11516A21 C REMOVE PRESSENC DETECTION AND INSTALL VIDEO DETECTION	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
5-28-88 SHA NO. 855-25040061 B INSTALL OPTICOM PRE-EMPTION	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
5-28-88 SHA NO. 855-25040061 A CHANGED SIGNAL HEADS AND SIGNS	DIRECTOR, TRAFFIC & SAFETY

SHA #: W15151852 TOD #: XX10651-47

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
SIGNALIZATION PLAN  
US 13 AND ZION ROAD/WEST ZION ROAD

DRAWN BY: TOM ZAYDEL	F.A.P. NO. 1855-D	TS NO. 1855-D	SHEET NO. 1 OF 1
CHECKED BY: WILLIAM RICHARDSON	S.H.A. NO. WI-617-501-185	T.J.M.S. NO. F-648	
SCALE: 1" = 20'	COUNTY: WICOMICO	LOG MILE: 22B01307.76	
DATE: 2/23/82			